

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2004/001457

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01L-27/146, H01L-31/08

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L-27/146, H01L-31/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base, and, where practicable, search terms used)

Canadian Patent Database, USPTO, Pluspat, IEEE Iexplore (readout, detector, fluoroscopy, radiography)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| X | WO02067337A2 (Nathan et al.) 29/05/2002 *p. 4, lines 18-35, - figs. 5 and 9* | 1-6, 14-18, 25 |
| X | Karim K S et al: "Active Pixel TFT Array for Digital Imaging Applications" Thin Film Transistor Technologies V. Proceedings of the International Symposium (Electrochemical society Proceedings Vol. 2000-31), thin Film transistor Technologies V. Proceedings of the International Symposium, Phoenix, AZ, USA, 23-25 Oct. 2000, pp. 320-332, XP008013850 2001, Pennington, NJ, USA, Electrochem. Soc, USA ISBN: 1-56677-298-2 *p. 320, lines 1-10, p. 321, lines 1-9, p. 322, lines 12-14, fig. 2* | 1-3, 14-15, 25 |

Further documents are listed in the continuation of Box C.

Patent family members are listed in annex.

* Special categories of cited documents :
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 "E" earlier application or patent but published on or after the international filing date
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later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international-type search
20 October 2004 (20-10-2004)Date of mailing of the international-type search report
03 December 2004 (03-12-2004)

Name and mailing address of the ISA/
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INTERNATIONAL SEARCH REPORT
Information on patent family membersInternational application No.
PCT/CA2004/001457

| Patent Document Cited in Search Report | Publication Date | Patent Family Member(s) | Publication Date |
|-------------------------------------------|---------------------|----------------------------------|--------------------------|
| WO02067337 | 29-08-2002 | US2004135911 A1 WO02067337 A2 | 15-07-2004 29-08-2002 |